

FIG._1

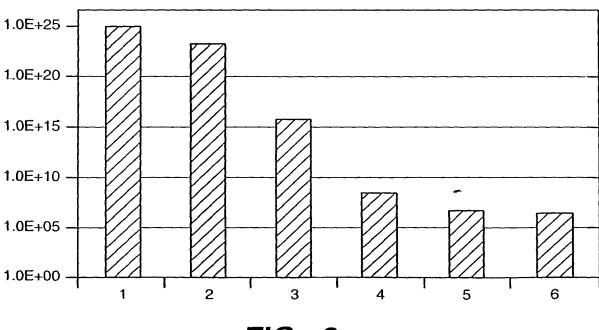


FIG._2

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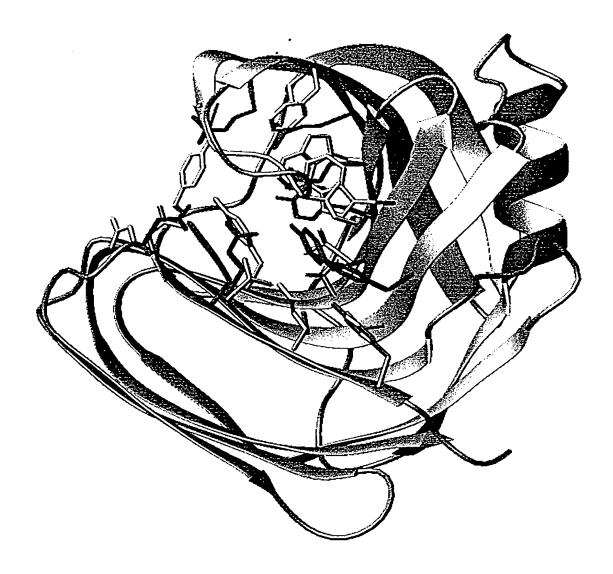


FIG._3

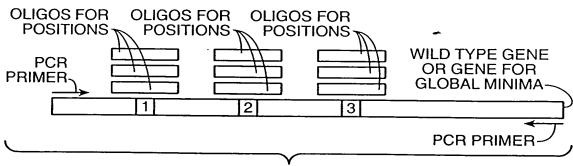
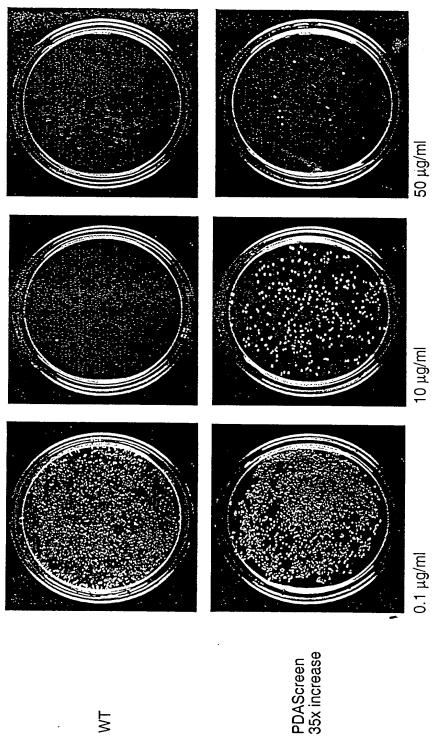
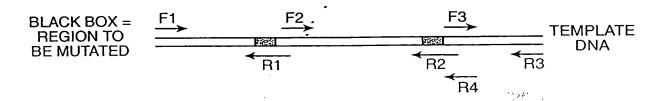


FIG._5



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STEP 1: SET UP 3 PCR REACTIONS:

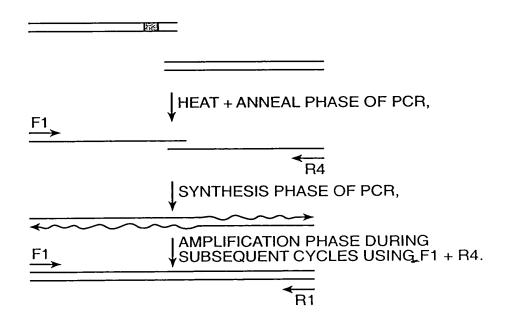
PRODUCTS:

TUBE 1:

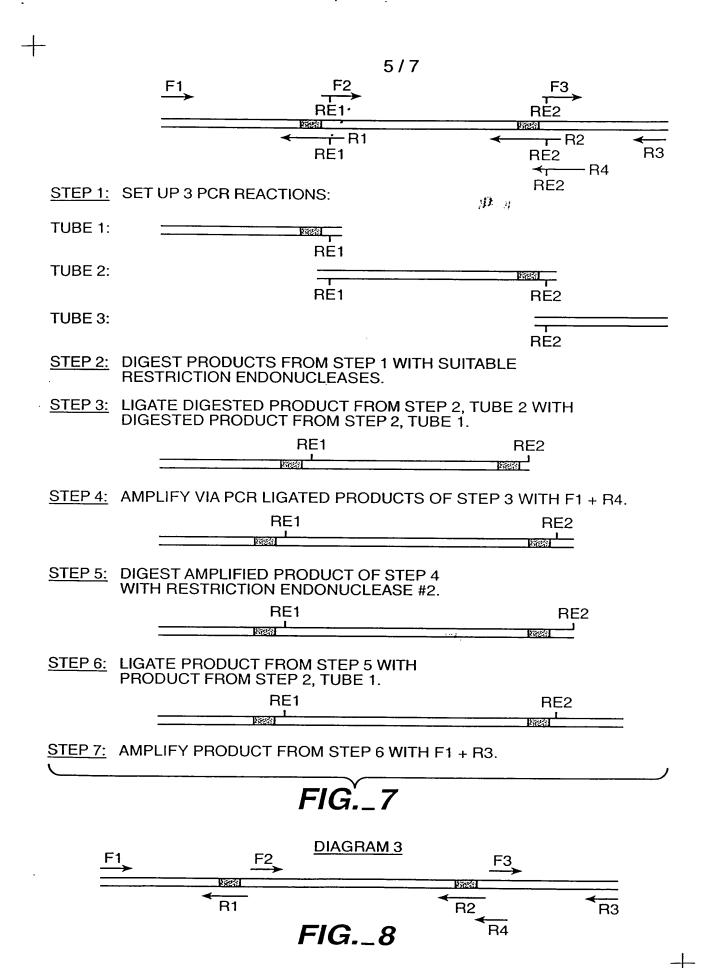
TUBE 2:

TUBE 3: _____

STEP 2: SET UP PCR REACTION WITH PRODUCTS OF TUBE 1 + PRODUCTS TUBE 2 + F1 + R4.



STEP 3: REPEAT STEP 2 USING PRODUCT FROM STEP 2 + PRODUCT FROM STEP 1, TUBE 3 + PRIMERS F1 + R3.



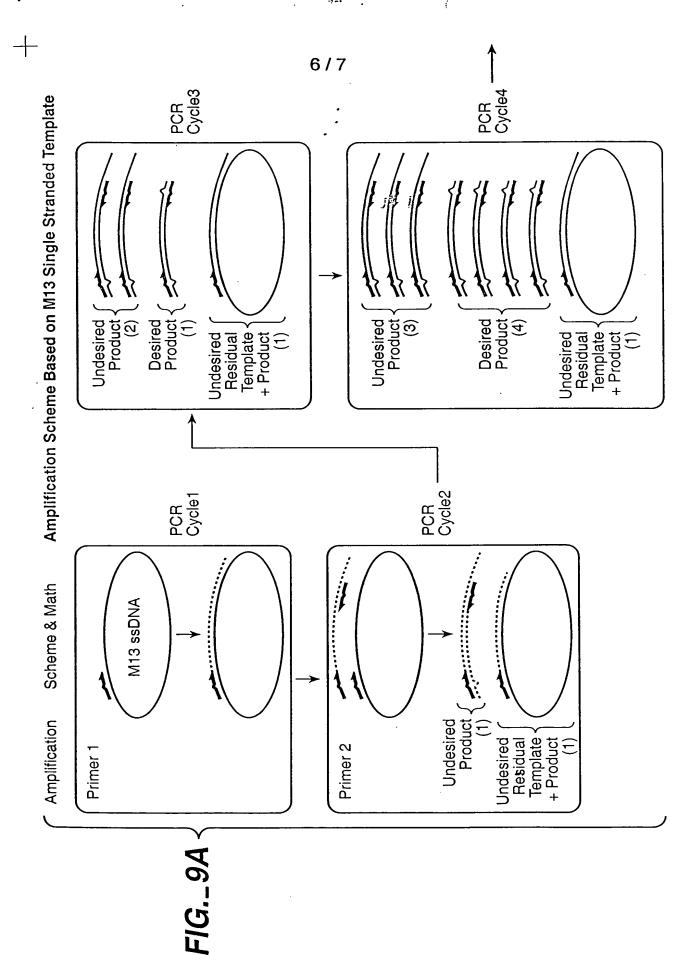


FIG._9B

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Numerical Progression of Desired Product with Increasing PCR Cycles

The second secon														_						
Percent Desired Product in Total Product		%00.0	25.00%	20.00%	68.75%	81.25%	%90.68	93.75%	96.48%	98.05%	98.93%	99.41%	%89.66	99.83%	99.91%	99.95%	%26.66	%66.66	%66.66	100.00%
Orluesired Products and Residual Template	-	2	ဇ	4	5	9	7	8	6	10	11	12	13	14	15	16	17	18	19	20
Desired Product		0	•	7	-	26	25	120	247	505	1013	2036	4083	8178	16369	32752	62219	131054	262125	524268
PCR Cycles	1	2	3	4	5	9	7	8	6	10	11	12	13	14	15	16	17	18	19	20

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Undesired Product (11)

Besired Product (11)

Cycle5

Undesired Residual Feroduct (1)

Fremplate + Product (1)